

MATERIAL SAFETY DATA SHEET

For Coatings, Resins & Related Materials

===== Section I =====

Manufacturer's Name: Gulf Coast Paint Mfg., Inc.
Address: 30075 County Road 49
Loxley, Alabama 36551

Prep Date: 06/13/13

Product Class: Polyurethane Coating
Trade Name: **MCU-100 ALUMINUM**
H.M.I.S. Codes: H F R P
2* 3 1 -

Emergencies Involving Spills, Leaks,
Fires, Exposure, or Accident Contact
Chemtrec: 1-800-424-9300

Information Phone: (251) 964-7911

===== Section II - HAZARDOUS INGREDIENTS =====

Ingredient	C.A.S.#	Weight Percent	Occupt. Exposure Limits		Vapor Pressure mm Hg & Temp.F	
			OSHA PEL	ACGIH TLV		
*Aluminum	7429-90-5	20-25	Not Established		10 mg/m3	N/A
*Xylene (Xylol)	1330-20-7	2-3	100 ppm	100 ppm	5.1	68
*Ethyl Benzene	100-41-4	0-1	100 ppm	100 ppm	Not Determined	
*Aromatic Petroleum Distillate	64742-95-6	25-30	100 ppm	Not Established 3		68
Polyisocyanate based on MDI	Mixture	50-55	.020 ppm .200 mg/m3	.005 ppm .051 mg/m3	0.0001	77

*Indicates Toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

===== Section III - PHYSICAL DATA =====

Boiling Range (Deg. F): 275°
Evaporation Rate: Slower than Ether
Percent Volatile By Volume: 47

Vapor Density: Heavier than air
Weight Per Gallon (lbs.): 8.80 ± .2

===== Section IV - FIRE & EXPLOSION HAZARD DATA =====

Flash Point (Deg. F): 81°
Extinguishing Media: Foam, alcohol foam, CO2, dry chemical

Lower Explosive Limit: 1.0

OSHA Flammability Classification: Flammable Liquid IC

Special Firefighting Procedures: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard. Conditions of fire may generate oxides of carbon and nitrogen.

MCU-100 ALUMINUM

===== Section V - HEALTH HAZARD DATA =====
THIS PRODUCT IS FLAMMABLE

Effects of Overexposure:

Eyes: Irritation, burning, tearing and redness.

Skin: Moderate irritation or defatting of skin upon prolonged or repeated contact.

Ingestion: Abdominal pain, nausea, vomiting and diarrhea.

Inhalation: Excessive exposure to vapors can cause headache, dizziness, uncoordination, nausea and loss of consciousness.

Emergency & First Aid Procedures:

Eyes: Flush with water for 15 minutes.

Skin: Remove contaminated clothing, wash skin with soap and water.

Ingestion: **Do not** induce vomiting. Get medical attention immediately.

Inhalation: Move to fresh air, aid breathing if necessary.

In all cases, consult a physician for best treatment.

Chemical listed as carcinogen or potential carcinogen:

NTP: No IARC: No OSHA: No

===== Section VI - REACTIVITY DATA =====

Stability: Product Stable

Conditions to Avoid: All sources of ignition

Incompatibility (Materials to Avoid): Oxidizing agents, strong acids & bases

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides and organic compounds.

Hazardous Polymerization: Will Not Occur

===== Section VII - SPILL OR LEAK PROCEDURES =====

Steps To Be Taken In Case Material Is Released Or Spilled: Dike spill area. Absorb spill with inert absorbent material. Place in sealed metal containers for proper disposal.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

===== Section VIII - SPECIAL PROTECTION INFORMATION =====

Respiratory Protection: Use a NIOSH/MSHA jointly approved respirator

Ventilation: Use mechanical ventilation

Protective Gloves: Neoprene or rubber

Eye Protection: Chemical splash goggles

Other Protective Equipment: Protective clothing, barrier cream, eye bath, safety shower

===== Section IX - SPECIAL PRECAUTIONS =====

Precautions to Be Taken in Handling & Storing: Store in dry area. Keep away from open flames and high temperatures.

Other Precautions: Minimize contact. Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

State and Local Regulations

California Proposition 65

This product contains the following substances known to the State of California to cause cancer, birth defects or other reproductive hazards: Benzene, Toluene.